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In abstracts of patents only the names of firms have been given and the abstracts have been indexed under these names. Where two firms have jointly taken out a patent, or where a paper has two or more authors, all the names have been included in the index.

Names beginning with de, la, le, van, von, etc., are indexed under the surname.

Abbreviations of Names of Firms, etc.

AAP . . . . . American Aniline Products Inc.
AATCC . . . . . American Association of Textile Chemists and Colorists
Acna . . . . . Aziende Colori Nazionali Affini
ACY . . . . . American Cyanamid Co.
BA . . . . . Bates Chemical Co Inc.
BASF . . . . . Badische Anilin- & Soda-Fabrik A.G.
BAY . . . . . .Farbenfabriken Bayer A.G.
CAC . . . . . Clayton Aniline Co. Ltd
CFM . . . . . Cassella Farbwerke Mainkur A.G.
CGY . . . . . CIBA–GEIGY Ltd
Col . . . . . Cities Services Co.
CSIRO . . . . . .Commonwealth Scientific and Industrial Research Organisation
DH . . . . . Durand & Huguenin S.A.
DIC . . . . . .Dainippon Ink & Chemicals Inc.
DUP . . . . . .E.I. du Pont de Nemours & Co. Inc.
FC . . . . . Ferro Corpn
FH *(now replaced by HOE)* . . . . . Farbwerke Hoechst A.G.
Fran . . . . . Produits Chimiques Ugine Kuhlmann
FW . . . . . VEB Chemiekombinat Bitterfeld
GAF . . . . . .GAF Corpn
GS . . . . . G. Siegle & Co. G.m.b.H.
HH . . . . . .Hardman & Holden Ltd
HOE . . . . . .Hoechst A.G.
HSH . . . . . Harshaw Chemical Co.
HST . . . . . American Hoechst Corp.
HWL . . . . . Hickson & Welch Ltd
ICC . . . . . .Interchemical Corpn
ICI . . . . . Imperial Chemical Industries Ltd
ICI(A) . . . . . .Imperial Chemical Industries of Australia
ICI(US) . . . . . .Imperial Chemical Industries of the United States
KVK . . . . . Kemisk Varek Koge A/S
KYK . . . . . Nippon Kayaku Co.
LBH . . . . . L. B. Holliday & Co. Ltd
LT . . . . . .Laporte Titanium Ltd
MAY . . . . . Otto B May Inc.
MCI . . . . . Mitsubishi Chemical Industries Ltd
MDW . . . . . .Mitsui Chemical Industry Co. Ltd
MMM . . . . . .Minnesota Mining & Manufacturing Corpn
NAC . . . . . .Allied Chemical Corp.
NL . . . . . National Lead Co.
NSK . . . . . .Sumitomo Chemical Co. Ltd
Rhone Poulenc . . . . . Societe des Usines Chimiques Rhone-Poulenc
S . . . . . Sandoz A.G.; Sandoz Products Ltd
Vond . . . . . .N.V. Fabriek van Chemische Producten Vondelingenplaat
YCL . . . . . Yorkshire Chemicals Ltd

Symbols Used in Index

The following symbols have been added, where appropriate, after the names of authors.

C . . . . . Communication
Corr . . . . . Correspondence
D . . . . . Discussion
EP . . . . . .Explanatory Paper
O . . . . . Obituary Notice
P . . . . . .Proceedings
PC . . . . . Pattern Card
R . . . . . .Book Review
RP . . . . . .Review Paper
S . . . . . Statement
SP . . . . . Sponsored Publication
Sy . . . . . Symposium Paper

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ABBREVIATIONS AND SYMBOLS
used in The Journal of the Society of Dyers and Colourists

No distinction is made between singular and plural

In special cases abbreviations and symbols other than those listed may be used, but as far as possible they will be given either as in standard English dictionaries or in *BS* 1991: Part 1: 1967

absolute . . . . . abs.
acetyl . . . . . Ac
alkyl radical (in chemical formula) . . . . . Alk
alternating current . . . . . a.c.
ampére . . . . . A
Anström unit . . . . . Å
anhydrous . . . . . anhyd.
approximate,-ly . . . . . approx., ca
aqueous . . . . . aq.
aryl radical (in chemical formula) . . . . . Ar
asymmetric (applied to organic compounds . . . . . as-
atmosphere (pressure unit) . . . . . atm.
atomic . . . . . at.
atomic weight . . . . . at.wt

benzoyl . . . . . Bz
boiling point . . . . . b.p.
British Patent . . . . . BP
British thermal unit . . . . . B.t.u.

calculated . . . . . calc.
calorie . . . . . cal
Celsius (centigrade) C
centi c
compound . . . . . cpd
concentrated . . . . . conc.
concentration . . . . . concn
configuration (carbohydrates and amino acids) . . . . . D-,L-
constant . . . . . const.
crease resist . . . . . CR
crystal,-line,-lized (adjective) . . . . . cryst.
cubic centimetre (etc.) . . . . . cm^3 (etc.)
curie Ci
cycle c

decomposition . . . . . decomp.
degree . . . . . deg
degree of polymerisation . . . . . DP
degree of substitution . . . . . DS
density . . . . . ρ
derivative . . . . . deriv.
dextrorotatory . . . . . *dextro.* (+)-
dimethylolethyleneurea . . . . . DMEU
dimethylolpropyleneurea . . . . . DMPU
dimethyloldihydroxyethyleneurea . . . . . DMDEU
dilute . . . . . dil.
direct current . . . . . d.c.
distil,-led . . . . . dist.

electromagnetic resonance . . . . . e.m.r.
electron spin resonance . . . . . e.s.r.
electromotive force . . . . . e.m.f.
equation . . . . . eqn
equimolecular . . . . . equimol.
equivalent . . . . . equiv.
ethyl . . . . . Et

Fahrenheit . . . . . F
foot . . . . . ft
freezing point . . . . . f.p.

gallon (Imperial) . . . . . gal
gallon (U.S.A.) . . . . . gal (U.S.A.)
gas layer chromatography . . . . . g.l.c.
German Patent . . . . . GP
gram . . . . . g
gram-molecule . . . . . mole
greater than . . . . . >

halogen (in chemical formula) . . . . . Hal
high temperature . . . . . HT
horse power . . . . . h.p.
hour . . . . . h
hydrogen ion concentration (negative logarithm) . . . . . pH

inch . . . . . in
infrared . . . . . i.r.
inorganic . . . . . inorg.
insoluble . . . . . insol.

kilocalorie . . . . . kcal
kilogram . . . . . kg

laevorotatory . . . . . *laevo*, (−)-
less than . . . . . <
liquor:goods ratio . . . . . L:R
litre l
logarithm (decadic) . . . . . log
logarithm (natural) . . . . . ln
lumen . . . . . lm

maximum . . . . . max.
melamine-formaldehyde . . . . . MF
melting point . . . . . m.p.
meta- . . . . . *m-*
methyl . . . . . Me
metre . . . . . m
microgram . . . . . μg
micron (micrometre) . . . . . μm
milli- . . . . . m
millilitre . . . . . ml
minimum . . . . . min.
minute . . . . . min
molar (concentration) . . . . . M
molecular, molecule . . . . . mol.
molecular weight . . . . . mol. wt

nanometre . . . . . nm
normal (concentration) . . . . . N
normal (organic compound) . . . . . n-
not greater than . . . . . $\not>$
not less than . . . . . $\not<$

organic . . . . . org.
ortho- . . . . . *o-*
ounce . . . . . oz

para- . . . . . *p-*
parts per million . . . . . p.p.m.
phenyl . . . . . Ph
poise . . . . . P
potential difference . . . . . p.d.
pound . . . . . lb
precipitate . . . . . ppt.
precipitated . . . . . pptd
precipitation . . . . . pptn
proportional to . . . . . α

qualitative(ly) . . . . . qual.
quantitative(ly) . . . . . quant.

recrystallised . . . . . recryst.
relative humidity . . . . . r.h.
revolutions per minute . . . . . rev/min

saturate(d) . . . . . sat.
second . . . . . s
secondary (organic compound) . . . . . s-
soluble . . . . . sol.
solution . . . . . soln
specific gravity . . . . . sp.gr.
square ir. (etc.) . . . . . in^2 (etc.)
substituted . . . . . subst.
substitution on nitrogen, oxygen etc . . . . . *N-*, *O-*, etc.
symmetrical (organic compound) . . . . . s-

temperature . . . . . temp.
tertiary (organic compound) . . . . . t-
thin layer chromatography . . . . . t.l.c.

United States Patent . . . . . USP
ultraviolet . . . . . u.v.
unsaturated . . . . . unsat.
unsubstituted . . . . . unsubst.
urea-formaldehyde . . . . . UF

viscosity . . . . . η
volt V
volume . . . . . vol.

watt . . . . . W
wavelength . . . . . λ
weight . . . . . wt

yard . . . . . yd

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